

LOCATION - N/W CORNER OF DEN



010

STRADDLING HWY. 28 E. CO.

865604, 840748, 840749, 840747, 866221

THE MINERALIZED ZONE BY THE HIGHWAY, NOW 28E, WAS NOTICED BY MYSELF ABOUT 10 YRS. AGO BUT WAS NOT EXAMINED CLOSE TILL SUMMER OF 1985 WHILE EXAMINING RECENT EXPOSED ROCK CUTS ALONG 8 MILE OF HWY 28E WHICH HAD ROAD WORK, WIDENING ETC. ABOUT 4 YRS AGO. SAMPLING SHOWS LOW BUT INTERESTING GOLD VALUES. THE DIRECTION THE DEPOSIT TRENDS WAS UNCERTAIN BUT BELIEVED BY SELF TO BE RELATED TO A LOW ANGLE THRUST FAULT. EXAMINATION ONE DAY BY EDWIN SPEELMAN, GEOLOGIST, DISCLOSED A N/E TRENDING FRACTURE WHICH PASSES INTO DEPOSIT WEST OF ROAD, AND CARRIES ON IN BOTH DIRECTIONS FROM DEPOSIT FOR SOME DISTANCE N/E & S/W. THE SINGLE FRACTURE ON EAST SIDE OF ROAD WAS EXPOSED AND IS ABOUT 1 1/2" OPEN FISSURE AND SOME PYRITE WAS SEEN ON WALLS.

SAMPLING

LOCATION #	TYPE	RESULT	DATE
XI - 6C	ARSENOPYRITE	.02 AU	SEP. 85
XI - 6D	AMPHIBOLITE WITH PYRRHOTITE	< .01 AU	11
XI - 6H	MARBLE CONTACT WITH GRANITE, ARSENOPYRITE & PYRRHOTITE IN CALCITE 6" W	.005 AU	(31 OCT. 85
XI - 6I	MIDDLE ARSENOPYRITE SEAM, IN CALCITE 3" W.	.045 AU	TSL 31 OCT. 85
XI - 6J	NORTH ARSENOPYRITE SEAM IN MAINLY AMPHIBOLITE UP TO 6" W	.049 AU	(31 OCT. 85
XI - 6K	NORTH SEAM, SELECTED, WELL MINERALIZED, 140 ARSENOPYRITE ELEMENT (SEE LIST) SPECTA		31 OCT. 85
XI - 6M	ARSENIDES (NORTH SEAM)	AU 1200 PPB PT. < 1 PD. 1	14 NOV. 85
XI - 6O	6" W. PYRRHOTITE RICH MASSIVE SULPHIDE BAND 40' N OF ARSENOPYRITE	27 ELEMENT SPECTR. SEE LIST	14 NOV. 85
XI - 6P	MIXED (COMPOSITE) SAMPLE, ARSENOPYRITE	.04 AU	DEC. 1/85
XI - 6Q	QUARTZ, TOURMALINE VEINS IN FINE GRANITE, 100' SOUTH OF ARSENIDE ZONE	< 2 PPB	DEC. 1/85

ALL SAMPLES ARE GRAB OR SELECTED UNLESS OTHERWISE INDICATED

PATENTED

FARM LAND

Hwy 28 E.

(3)  
25  
14  
X14

20  
(5)

865603

X8

X9

X2

X6

X13

LAKE

X3

X5

X12

X4

X16

STREAM

(7)

FRACTURE ZONE

(2)

X11

73

(1)

865602

X15

STREAM

865604

840748

840749

16

(6)

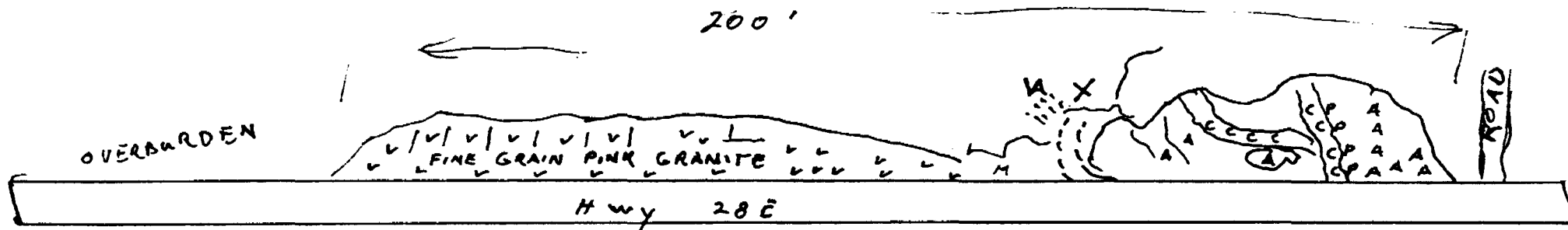
LAKE

840747

20

→ N

VIEW LOOKING WEST ACROSS HIGHWAY X IS STRIKE



ASSAYS WERE AT X

- #6C - ARSENOPYRITE .02 AU.
- #6H - S-SEAM - .045 AU.
- #6J N-SEAM - .049 AU.
- FM - X 1200 PPB AU.
- 6P - MIXED .04 AU.

+ ARSENOPYRITE SPECT - COBALT .05, NICKEL .07, YTHANAM 1003

PYRITE, PYRRHOTITE, + MINOR  
CHALCOPYRITE DISSEMINATED  
THROUGHOUT AMPHIBOLITE & CALCITE

V - PINK GRANITE  
A - AMPHIBOLITE  
C - CALCITE VEINS 2'W  
P - MASSIVE PYRRHOTITE 6" W  
M - MARBLES, SKARN

X - ARSENOPYRITE SEAMS (2) 2 1/2' APART  
3-4" W IN FRACTURE ZONE IN CALCITE  
AT AMPHIBOLITE CONTACT  
FRACTURE ZONE CONTINUES (SOME OVERBURDEN  
REMOVED) E SIDE HWY IN MARBLE.  
WIDENS AT V.

--- FRACTURE (FISSURE)



- CHEMICAL RESEARCH AND ANALYSIS
- CONTRACT LABORATORIES

**TECHNICAL SERVICE LABORATORIES**

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

1301 FEWSTER DRIVE, MISSISSAUGA, ONT. L4W 1A2

TELEPHONE: (416) 625-1544

TELEX 06-980215

**CERTIFICATE OF ANALYSIS**

SAMPLE(S) FROM Mr. R. Crawford  
40 Allonsius Dr.  
Etobicoke, Ontario  
M9C 3N5

REPORT No.  
T-3166

Inv# 30595

SAMPLE(S) OF ROCK

Gold (Au) oz/ton  
Fire Assay

✓	• 6H	<0.005
✓	• 6I	0.045
✓	• 6J	0.049

**RECEIVED**

DEC 22 1986

**MINING LANDS SECTION**

Samples, Pulps and Rejects discarded after two months

DATE Nov. 8/85

SIGNED *J. Wetnam*



For any enquiries on this report, please contact Customer Service Department – Edith Anzil



- CHEMICAL RESEARCH AND ANALYSIS
- CONTRACT LABORATORIES

# TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

1301 FEWSTER DRIVE, MISSISSAUGA, ONT. L4W 1A2

TELEPHONE: (416) 825-1544  
TELEX 06-960215

## CERTIFICATE OF ANALYSIS

Semiquantitative Spectrographic

SAMPLE(S) FROM **Mr. R. Crawford**  
**40 Allonsius Dr.**  
**Etobicoke, Ontario**  
**M9C 3N5**

REPORT No. <b>T-3166</b>
-----------------------------

SAMPLE(S) OF **ROCK**

Inv#30595

	Sample 6K	Sample	Sample		Sample 6K	Sample	Sample
Aluminum (Al <sub>2</sub> O <sub>3</sub> )	M			Manganese	0.03%		
Antimony	-			Magnesium (MgO)	M		
Arsenic	M			Molybdenum	0.001%		
Barium	-			Neodymium (Nd <sub>2</sub> O <sub>3</sub> )			
Beryllium (BeO)	-			Nickel	0.07%		
Bismuth	-			Phosphorus	-		
Boron	-			Silver	-		
Calcium (CaO)	M			Silicon (SiO <sub>2</sub> )	H		
Cadmium	-			Sodium (Na <sub>2</sub> O)	0.1%		
Cerium (CeO <sub>2</sub> )	-			Strontium	-		
Chromium	0.001%			Tantalum (Ta <sub>2</sub> O <sub>5</sub> )	-		
Cobalt	0.05%			Thorium (ThO <sub>2</sub> )	-		
Columbium (Cb <sub>2</sub> O <sub>5</sub> )	-			Tin	0.001%		
Copper	0.002%			Titanium	0.06%		
Gallium	-			Tungsten	-		
Germanium	-			Uranium (U <sub>3</sub> O <sub>8</sub> )	-		
Iron (Fe)	M-H			Vanadium	0.001%		
Lanthanum (La <sub>2</sub> O <sub>3</sub> )	-			Yttrium (Y <sub>2</sub> O <sub>3</sub> )	0.003%		
Lead	-			Zinc	0.01%		
Lithium (Li <sub>2</sub> O)	-			Zirconium (ZrO <sub>2</sub> )	-		
Extra Elements							
Caesium				Platinum			
Gold				Rhenium			
Hafnium				Rubidium			
Indium				Tellurium			
Palladium				Thallium			

Figures are approximate:

CODE H - High - 10 - 100% approx. - Not Detected - Elements looked for but not found  
M - Medium - 1 - 10% approx. X Not Looked For  
L - Low - .1 - 1% approx. < Less Than

Samples, Pulps and Rejects discarded after two months

DATE Nov. 8/85

SIGNED *[Signature]*





Ministry of  
Northern Development  
and Mines  
Ministère du  
Développement du Nord  
et des Mines

77 Grenville Street  
11th Floor  
Toronto, Ontario  
M5S 1B3  
Telephone 965-1337

Geoscience  
Laboratories  
Report

Issued to:

MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO  
M9C 3N5

C 24633

SAMPLE NUMBER	GOLD Au ppb
------------------	-------------------

✓ 7F	665
✓ 7G	<2
✓ 7H	16
✓ 7I	6
✓ 7J	1430

This completes all analytical work for samples entered in your name  
on NOV.27,1986

Fees Received: PAID \$11.50 & 4 COUPS. CARD# 3591

  
Chris Riddle, Chief Analyst

DEC.8,1986

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Ministry of  
Natural  
Resources

Ontario  
Geological  
Survey

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11th Floor  
Toronto, Ontario  
M5S 1B3  
Telephone 965-1337

Geoscience  
Laboratories  
Report

Issued to:

MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO  
M9C 3N5

C, 24041

SAMPLE #	GOLD Au ppb
-----	-----
✓ 6Q	<2

✓ 6Q

<2

FEES RECEIVED:      USED 2 COUPONS

CHRIS RIDDLE, CHIEF ANALYST

DEC.16,1985

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ISSUEC

MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO  
M9C 3N5

117703


SAMPLE  
NUMBER

GOLD  
Au  
OZ/TON

✓ 6P

0,04

FEES RECEIVED: USED 2 COUPONS

  
CHRIS RIDDLE CHIEF ANALYST

DEC.11,1985

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Nov 18/85

RECEIVED FROM ---? R. CRAWFORD

QUALITATIVE ICP-SPECTROMETRIC ANALYSIS

60 - CALCIITE  
PYROPHOSPHATE

ELEMENT/SAMPLE	60	6L	
ALUMINUM	M	M	-
BARIUM	-	-	-
BERYLLIUM	-	-	-
CALCIUM	MH	H	-
CERIUM	-	-	-
CHROMIUM	-	-	-
COBALT	T	-	-
COPPER	L	T	-
IRON	H	M	-
LANTHANUM	T	-	-
LEAD	-	-	-
MAGNESIUM	M	MH	-
MANGANESE	L	TL	-
MOLYBDENUM	-	-	-
NICKEL	T	-	-
NIوبيUM	-	-	-
NEODYMIUM	-	-	-
PHOSPHOROUS	-	-	-
STRONTIUM	T	-	-
TANTALUM	-	-	-
TITANIUM	T	TL	-
TUNGSTEN	-	-	-
VANADIUM	T	-	-
YTTRIUM	-	-	-
ZINC	T	-	-
ZIRCONIUM	-	-	-
TOT. RADIO.	-	-	-

6L  
CTR VM

LEGEND

- H = 10 TO 100%
- MH = 5 TO 10%
- M = 1 TO 5%
- LM = 0.5 TO 1%
- L = 0.1 TO 0.5%
- TL = 0.05 TO 0.1%
- T = 0.01 TO 0.05%
- = <0.01% (NONE DETECTED)

TOT.RADIO. = TOTAL RADIO ACTIVITY EXPRESSED IN  
EQUIVALENT % URANIUM OXIDE



Ontario

Ministry of Ontario 77 Grenville Street  
Natural Geological 11th Floor  
Resources Survey Toronto, Ontario  
M5S 1B3  
Telephone 965-1337

Geoscience  
Laboratories  
Report

15-0000

MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO  
M9C 3N5

C 24277

SAMPLE EXAMINATION  
-----

NO. 6R  
-----

The sample is composed of rounded granules of pyrrhotite surrounded by feldspar and quartz.


The sample shows no indication of minerals of commercial value.

This completes all analytical work for samples entered in your name on MAY 28, 1986

Fees Received: NO CHARGE

  
Chris Riddle, Chief Analyst

JUNE 12, 1986

W.D. Hicks.   
Mineralogist

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Issued  
MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO  
M9C 3N5

L 15861

SAMPLE  
NUMBER

GOLD  
Au  
OZ/TON

✓ 6R	<0.01
✓ 6S	<0.01
✓ 6T	<0.01

This completes all analytical work for samples entered in your name  
on MAY 28, 1986

Fees Received: 3 COUPS. CARD # 3591

  
Chris B. [unclear], Chief Analyst

JUNE 2, 1986



Ontario

Ministry of  
Natural  
Resources

Ontario  
Geological  
Survey

77 Grenville Street  
11th Floor  
Toronto, Ontario  
M5S 1B3  
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Geoscience  
Laboratories  
Report

ISSUED TO:

MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO

B 13600

SAMPLE

GOLD  
OZ./TON

SILVER  
OZ./TON

✓ . 6C

0.02

✓ . 6D

<0.01

6F

<0.01

6G

<0.01

FEES RECEIVED

  
CHRIS RIDDLE, CHIEF ANALYST

OCT. 7, 1985

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Ontario

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M5S 1B3  
Telephone 965-1337

Geoscience  
Laboratories  
Report

Issued to:

MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO  
M9C 3N5

C 23976

SAMPLE #	GOLD (Au) ppb	PLATINUM (Pt) ppb	PALLADIUM (Pd) ppb
6M	1200	<1	1

FEEs RECEIVED:      USED 14 COUPONS

CHRIS RIDDLE, CHIEF ANALYST

NOV. 25, 1985

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Ontario

Issued to:  
 MR. R CRAWFORD  
 40 ALLONSIUS DRIVE  
 ETOBICOKE, ONTARIO  
 M9C 3N5

C 24369

SAMPLE NUMBER	GOLD Au PPB
✓ 6-U	2
✓ 6-V	<2
✓ 6-W	<2

This completes all analytical work for samples entered in your name on JULY 22, 1986

Fees Received: 3 COUPS. CARD #3591

  
 Chris Riddis, Chief Analyst

JULY 30, 1986

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Ontario

Ministry of  
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Resources

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M5S 1B3  
Telephone 965-1337

Geoscience  
Laboratories  
Report

Issued to:  
MR. R CRAWFORD  
40 ALLONSIUS DRIVE  
ETOBICOKE, ONTARIO  
M9C 3N5

C 24404

SAMPLE  
NUMBER

GOLD  
AU  
PPB

6X  
6Y

<2  
<2

This completes all analytical work for samples entered in your name  
on AUG. 5 1986

Fees Received:           USED 2 COUPONS - CARD #3570

  
Chris Riddle, Chief Analyst

AUG. 11 1986

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Assays cost

5 AU assays (goot.)	x \$10.	=	\$ 50
2 AU assays TSL	x 10.50	=	31.50
1 - 40 element spect. TSL		=	35.00
1 AU, PT <sub>4</sub> , PD. (goot)		=	37.50
11 Geochemical (goot)	\$11 ea	=	121.00
1 27 element spect goot		=	25.00
			<hr/>
			300.00
			10
+ #GR regular AU. assay goot.			









The Mini

Type of Survey(s) SAMPLING ✓ Township or Area DENBIGH TWP. H-82 ✓  
 Claim Holder(s) RUSSELL J. CRAWFORD ✓ Prospector's Licence No. A37507 ✓  
 Address 40 ALCONSIUS DR., ETOBICOKE, ONT. M9C3N5 ✓  
 Survey Company \_\_\_\_\_ Date of Survey (from & to) \_\_\_\_\_ Total Miles of line Cut \_\_\_\_\_  
 Day | Mo. | Yr. | Day | Mo. | Yr.  
 Name and Address of Author (of Geo-Technical report) SAME ✓

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Days per Claim	
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
<u>E.O.</u>	<u>865602</u>	<u>22</u> ✓			

EASTERN ONT.  
**RECEIVED**  
 OCT 31 1986  
 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Expenditures (excludes power stripping)

Type of Work Performed  
SAMPLING

Performed on Claim(s)  
865602, 865603

Calculation of Expenditure Days Credits

Total Expenditures \$ 332.00 + Total Days Credits 15 = 22 ✓

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
<u>22</u>	<u>OCT. 31/86</u>	<u>MM Adamsky</u>
Date Approved as Recorded	Branch Director	

Date 28 Oct. 86 Recorded Holder or Agent (Signature) RJ Crawford

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying  
40 ALCONSIUS DR., ETOBICOKE, ONT, M9C3N5

Resident Geologist - Tward. Date Certified 29 OCT. 86 Certified by (Signature) RJ Crawford



Recorded Holder	RUSSELL J. CRAWFORD
Township or Area	DENBIGH TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column <b>Geological</b> _____ days <b>Geochemical</b> _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	<p>\$332.00 SPENT ON ANALYSES OF SAMPLES TAKEN FROM MINING CLAIMS:</p> <p>E0 865602 to 04 inclusive</p> <p>22 ASSESSMENT WORK DAYS ARE ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT.</p>

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey                       insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

January 30, 1987

Your File: 86-88  
Our File: 2.9637

Mining Recorder  
Ministry of Northern Development and Mines  
Whitney Block, Room 2548  
99 Wellesley Street West  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Dear Madam:

RE: Assaying submitted on Mining Claims  
E0 865602 to 04 inclusive on Denbigh  
Township

---

The enclosed statement of assessment work credits for Assaying  
has been approved as of the above date.

Please inform the recorded holder of these mining claims  
and so indicate on your records.

Yours sincerely,

J.C. Smith, A/Manager  
Mining Lands Section  
Mineral Development and Lands Branch  
Mines and Minerals Division

Whitney Block, Room 6610  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Telephone: (416) 965-4888

DK/mc

cc: Russell J. Crawford  
40 Allonsius Drive  
Etobicoke, Ontario  
M9C 3N5

Resident Geologist  
Tweed, Ontario

Encl.

Griffith Twp. (M.96)

Matawatchan Twp. (M.123)

**LEGEND**

- PATENTED LAND ● ● ●
- CROWN LAND SALE C.S.
- LEASES (C)
- LOCATED LAND LOC.
- LICENSE OF OCCUPATION L.O.
- ROADS
- IMPROVED ROADS
- KINGS HIGHWAY
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- SURFACE RIGHTS ONLY
- MINING RIGHTS ONLY M.R.O.
- TRAILS
- PATENTED for S.R.O.

**NOTES**

This Map Is Not To Be Used  
FOR SURVEY PURPOSES.

100' Surface

Flooding Rights on Madawaska River Reserve  
to contour 817', 870' & 925' to H.E.P.  
File: B.3050 Vol. 1 & 2.

**SAND and GRAVEL**

- ② MAR. Q.P.S. GRAVEL RESERVE
- ① QUARRY PERMIT

